

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

POWER INTEGRATIONS, INC.,)	
)	
Plaintiff,)	
)	
v.)	C.A. No. 04-1371-JJF
)	
FAIRCHILD SEMICONDUCTOR)	
INTERNATIONAL, INC., and FAIRCHILD)	
SEMICONDUCTOR CORPORATION,)	
)	
Defendants.)	

**FAIRCHILD SEMICONDUCTOR INTERNATIONAL, INC.'S AND
FAIRCHILD SEMICONDUCTOR CORPORATION'S TRIAL EXHIBIT LIST**

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Dated: September 12, 2007

DX	DATE	DESCRIPTION	BATES RANGE/ DESIGNATED	SPONSORING WITNESS	POWER INTEGRATIONS' OBJECTIONS
1	1993	Wang, Andrew C. and Seth R. Sanders. "Programmed Pulse-width Modulated Waveforms for Electromagnetic Interference Mitigation in DC-DC Converters." <u>IEEE Transactions on Power Electronics</u> 8.4 (1993): 596-605.	FCS0000516-FCS0000525 FCS0524402-FCS0524411 FCS0525273-FCS0525282 FCS1691857-FCS1691880	Horowitz	Combines multiple documents
10	7/1991	Habecker, Thomas G. and Deepkraj Dhyani. "Acoustic Noise Reduction in Sinusoidal PWM Drives Using a Randomly Modulated Carrier." <u>IEEE Transactions on Power Electronics</u> 6.3 (Jul. 1991): 356-63.	FCS0000508-FCS0000515 FCS0528052-FCS0528060 FCS0525283-FCS0525290 FCS1692016-FCS1692043	Horowitz	Combines multiple documents
17	3/22/1990	Goodenough, Frank. "Off-Line PWM Switching Regulator IC Handles 3W." <u>Electronic Design</u> 38.6 (Mar. 22, 1990): 35-39.	FCS0525776-FCS0525779 FCS0528084-FCS0528089 FCS1692104-FCS1692120	Horowitz	Combines different documents
33	1981	Horowitz, Paul and Ian Robinson. "Lab 17. Analog-Digital Conversion." <u>Laboratory Manual for The Art of Electronics</u> . Cambridge: Cambridge UP, 1981. 17-1 - 17-4.	FCS0527486-FCS0527490 FCS1686642-FCS1686646 FCS1692374-FCS1692392	Horowitz	Combines multiple documents, 802
35	4/1996	Datasheet: SGS-Thomson TEA2262 (May 1992, Apr. 1996)	FCS00001315-FCS0001323 FCS1686647-FCS1686655	Horowitz	combines multiple documents, 901
50	6/1992	Datasheet: SGS-Thomson TEA2260/TEA2261 (Jun. 1992)	FCS1687336-FCS1687344	Horowitz	402/403
51	1994	Application Note: AN 376 SGS-Thomson TEA2260/TEA2261 (1994)	FCS1687345-FCS1687378 FCS00000543-FCS0000558	Horowitz	402/403 Combines multiple documents
52		Sze, S. <u>Physics of Semiconductor Devices</u> . Singapore: John Wiley & Sons (Asia).	FCS1692579-FCS1692618	Gwzdz/Eklund/ Shields	Combines multiple documents
55	12/6/1983	Wakumoto, H. "A Highly Reliable 16 Output High Voltage NMOS/CMOS Logic IC with Shielded Source Structure." <u>International Electron Devices Meeting Technical Digest</u> (Dec. 6, 1983): 416-19.	FCS1689187-FCS1689192 FCS1692641-FCS1692664	Gwzdz/Eklund/ Shields	Combines multiple documents
56	1982	Ludlitzhize, A. "High Voltage DMOS and PMOS in Analog IC's." <u>International Electron Devices Meeting Technical Digest</u> (1982): 81-84.	FCS1689193-FCS1689196 FCS1692665-FCS1692686	Gwzdz/Eklund/ Shields	Combines multiple documents
58	1986	Wacyk, Ihor, Michael Amato and Vladimir Rumennick. "A Power IC with CMOS Analog Control." <u>IEEE International Solid-State Circuits Conference Digest of Technical Papers</u> (1986): 16-17.	FCS1689204-FCS1689203 FCS1692687-FCS1692698	Gwzdz/Eklund/ Shields	Combines multiple documents
59	1982	Sun, Shi-Chung. "Physics and Technology of Power MOSFET's." Stanford University Ph.D. Dissertation, Feb. 1982.	FCS1689204-FCS1689436 FCS1692699-FCS1692935	Gwzdz	402; Combines multiple documents
66	4/18/1989	Beasom - U.S. Patent No 4,823,173 File History, Serial No.06/831,384	FCS1688778-FCS1688899	Beasom/Gwzdz	
67	11/23/1993	Beasom - U.S. Patent No. 5,264,719 (Beasom Exhibit 4)	FCS0525257-FCS0525272	Beasom/Gwzdz	
68	1989	Horowitz, Paul and Winfield Hill. <u>The Art of Electronics</u> . Cambridge: Cambridge UP, 1989. 621-26.	FCS0527450-FCS0527452 FCS1692936-FCS1692951 Full book available for inspection	Horowitz	combines multiple documents
69	2/27/1992	Keller, Richard. "Off-line Power Integrated Circuit for International Rated 60 Watt Power Supplies." <u>Seventh Annual Applied Power Electronics Conference and Exposition Proceedings</u> (Feb. 27, 1992): 505-512.	FCS0527805-FCS0527814 FCS0524577-FCS0524584 FCS1692993-FCS1693018	Horowitz	Combines multiple documents
70	2/1992	Datasheet: PWR-SMP240 (Feb. 1992)	FCS1685819-FCS1685831	Horowitz/ Balakrishnan	
71	3/1992	Application Note: AN-1 Function and Application of the PWR-SMP240/260 (Mar. 1992)	PIE131267-PIE131282	Horowitz/ Balakrishnan	
72	3/1992	Design Aid: DA-5 Changing Batteries with the PWR-SMP260 (Mar. 1992)	PIE131293-PIE131299	Horowitz/ Balakrishnan	
73	3/1992	Datasheet: PWR-EVAL8: PWR-SMP240 Evaluation Board (Mar. 1992)	PIE131229-PIE131246	Horowitz/ Balakrishnan	
74	2/1992	Datasheet: PWR-SMP260 Preliminary (Feb. 1992)	FCS1685806-FCS1685818 FCS1685478-FCS1685496 FCS1686663-FCS1686681	Horowitz/ Balakrishnan	combines multiple documents
76	1/1996	Datasheet: SMP211 (Jan. 1996)		Horowitz/ Balakrishnan	
77	7/1991	Datasheet: PWR-SMP3 (Jul. 1991)	FCS1687321-FCS1687330	Horowitz/ Balakrishnan	
78	7/1991	Application Note: AN-6 Designing Power Supplies with PWR-SMP3 (Jul. 1991)	PIE131247-PIE131266	Horowitz/ Balakrishnan	
79	3/1992	Datasheet: PWR-EVAL1: PWR-SMP3 Evaluation Board (Mar. 1992)	PIE131195-PIE131210	Horowitz/ Balakrishnan	
80	3/1992	Datasheet: PWR-EVAL7: PWR-SMP260 Evaluation Board (Mar. 1992)	PIE131211-PIE131228	Horowitz/ Balakrishnan	
83	1/20/1987	Martin, Jr. et al - U.S. Patent no. 4,638,417	FCS0525445-FCS0525448	Horowitz	
86	7/12/1991	Design Specification Revision: PWR-SMP260 Revision 2 (Jul. 12, 1991)	PIE129975-PIE130008	Horowitz/ Balakrishnan	Combines multiple documents
89	12/2/1986	U.S. Patent 4,626,879, Colak	FCS0000526-FCS0000532 FCS0526662-FCS0526668	Gwzdz/Eklund/ Shields	combines multiple documents
90	1990	Design Schematic: PS07 (1990 - 1991)	PIE129750-PIE129777	Horowitz/ Balakrishnan	
91	3/28/1990	Design Schematic: PS03 (Mar. 28, 1990)	PIE129301-PIE129321	Horowitz/ Balakrishnan	
99	6/19/2001	Balakrishnan et al. - U.S. Patent 6,249,876	FCS0000001-FCS0000013	Horowitz/ Balakrishnan	duplicate
100	11/16/1998	Balakrishnan et al. - U.S. Patent 6,248,876 File History, Serial No. 09/192,959	FCS0000015-FCS0000114	Horowitz	duplicate
101	3/7/1989	Eklund - U.S. Patent No. 4,811,075 (Beasom Exhibit 5)	FCS00000115-FCS0000120	Gwzdz/ Beasom	duplicate
102	4/24/1987	Eklund et al. - U.S. Patent No. 4,811,075 File History, Serial No.07/041,994	FCS0000122-FCS0000206	Gwzdz/ Beasom	duplicate
103	5/8/2001	Balakrishnan et al. - U.S. Patent 6,229,366	FCS0000207-FCS0000224	Horowitz/ Balakrishnan	duplicate
104	5/16/2000	Balakrishnan et al. - U.S. Patent No. 6,229,366 File History, Serial No. 09/573,081	FCS0000226-FCS0000316	Horowitz/ Balakrishnan	duplicate
105	8/22/2000	Balakrishnan et al. - U.S. Patent 6,107,851	FCS0000317-FCS0000334	Horowitz/ Balakrishnan	
106	5/18/1998	Balakrishnan et al. - U.S. Patent No. 6,107,851 File History, Serial No. 09/080,774	FCS0000336-FCS0000477	Horowitz/ Balakrishnan	
110	Page 1 of 3	T. Lucy, <u>Spread Spectrum Clocks Reduced EMI</u> , with handwritten notes to Balu Balakrishnan	PIE17419	Horowitz/ Balakrishnan	402; 403; 901

DX	DATE	DESCRIPTION	BATES RANGE/ DESIGNATED	SPONSORING WITNESS	POWER INTEGRATIONS/ OBJECTIONS
112	8/19/1998	Invention Disclosure Form	PIE63306-PIE63313	Horowitz/ Balakrishnan	
113	4/1998	Invention Disclosure Form signed by Balu Balakrishnan, Alex Dingemert, Liel Lund	PIE63314-PIE63324	Horowitz/ Balakrishnan	
114	3/28/1990	Design Scheme: PS03 (Mar. 28, 1990) with Project Index	PIE129325-PIE129346	Horowitz/ Balakrishnan	
115		Design Scheme: SMP1A - NPSC02A1	PIE129387	Horowitz/ Balakrishnan	
116	3/27/1990	Design Scheme: SMP1A (Mar. 27, 1990) with Project Index	PIE129389-PIE129410	Horowitz/ Balakrishnan	
117	11/30/1989	Design Scheme: SMP1A (Nov. 30, 1989)	PIE129412-PIE129414	Horowitz/ Balakrishnan	
118	5/8/1990	Proposed SMP Family Part Numbering System	PIE129449-PIE129451	Horowitz/ Balakrishnan	
119		Design Scheme: PS10, PS11, PS12 (sheets 1-30)	PIE129454-PIE129484	Horowitz/ Balakrishnan	
120	8/14/1992	SMP12/220 Task List with Annotations (Aug. 14, 1992)	PIE129499-PIE129504	Horowitz/ Balakrishnan	Combines multiple documents
121	2/1992	Datasheet: PWR-SMP212 - Preliminary (Feb. 1992)	PIE129690-PIE129705	Horowitz/ Balakrishnan	
122	2/1992	Datasheet: PWR-SMP260 - Preliminary (Feb. 1992)	PIE129879-PIE129894	Horowitz/ Balakrishnan	
123	2/1992	Datasheet: PWR-SMP240 - Preliminary (Feb. 1992)	PIE129895-PIE129910	Horowitz/ Balakrishnan	
124	11/1991	Datasheet: PWR-SMP260 - Preliminary with Annotations (Nov. 1991)	PIE129911-PIE129918	Horowitz/ Balakrishnan	
125	8/1991	Datasheet: PWR-SMP260 - Draft Preliminary with Annotations (Aug. 1991)	PIE129919-PIE129929	Horowitz/ Balakrishnan	
126	11/1991	Datasheet: PWR-SMP240 (Nov. 1991)	PIE129930-PIE129937	Horowitz/ Balakrishnan	
128	4/20/1984	Notes (Beasom Exhibit 7)	1-000230 - 1-000234	Beasom/ Gwozdz/ Prentice/ Moore	802
129	3/1984	Notes (Beasom Exhibit 6)	1-000235 - 1-000260	Beasom/ Gwozdz/ Prentice/ Moore	802
130	8/8/1979	Beasom Engineering Notebook	Beasom Exhibit 8	Beasom/ Gwozdz/ Prentice/ Moore	802
131	7/18/1985	Notes	Beasom Exhibit 9	Beasom/ Gwozdz/ Prentice/ Moore	802
132		Test Chips Notes, Run Cards and Test Data	Beasom Exhibit 10	Beasom/ Gwozdz	802
133	5/13/1986	Postscript, R.S., S.R., Jost and J.D. Beasom, "A 500V Dielectric Isolation Process for Very High Voltage Integrated Circuits," Electro/86 and Mini/Micro Northeast-86 Conference Record (Jun. 1986): 1-7.	Beasom Exhibit 16	Beasom/ Gwozdz	802
134	1987	Beasom, J.D. "A 200V DI Process Which Provides IGT's, SCR's High Speed Complementary Low Voltage Bipolars, CMOS and Bipolar Logic Options," Proceedings of the Symposium of High Voltage and Smart Power Devices (1987): 90-95.	Beasom Exhibit 17	Beasom/ Gwozdz	802
138	4/1/1996	Datasheet: SGS-Thomson TEA2202	FCS0303071-FCS0303079	Horowitz	duplicate
167	5/11/1993	Letter from Thomas E. Schaezel to Alys Hay (May 11, 1993)	PIE57346 - PIE57348	Gwozdz/ Eklund	
192	9/8/1992	Eklund - U.S. Patent No. 5,146,298	PIE56893 - PIE56904	Gwozdz/ Eklund	402; not produced
193	8/11/1996	U.S. Patent No. 4,283,236, 5th		Gwozdz/ Beasom	106
325	3/30/2006	5/18/2006 Supplemental Fairchild and Intersil License Agreement		Conrad	106
326	3/30/2006	Redacted Fairchild and Intersil License Agreement	1-000704 - 1-000709	Conrad	106
353	3/28/1990	Design Scheme: PS03 (Mar. 28, 1990)	PIE129301-PIE129321	Horowitz	
472	8/16/1991	Eklund - U.S. Patent No. 5,146,298 Application, Serial No. 07/747,657	FCS1685956-1685993	Gwozdz/ Eklund	106; 402; 403; 802
494		Semiconductor wafer	Available for inspection	Beasom/ Gwozdz	901; 802; 402
507		Databooks	Available for inspection	Horowitz	untimely; multiple documents; 402; 403; 802
541	4/18/1989	Beasom - U.S. Patent No. 4,823,173 (Beasom Exhibit 3)	FCS0525249-FCS0525256	Beasom/ Gwozdz	
542	5/24/1991	Beasom - U.S. Patent No. 5,264,719 File History, Serial No. 07/705,509	FCS1688900-FCS1689178	Beasom/ Gwozdz	
543	8/8/1979	Beasom Engineering Notebook - Reproduced Pages	1-000415 - 1-000420	Beasom/ Gwozdz/ Prentice/ Moore	802
544	8/15/1985	Beasom Test Chips	Available for inspection	Beasom/ Gwozdz	901; 802; 402
545	6/1985	Beasom Test Chips Notes, Run Cards and Test Data	1-000421 - 1-000464	Beasom/ Gwozdz	901; 802; 402; untimely
546		Beasom Test Vafers	Available for inspection	Beasom/ Gwozdz	901; 802; 402
547		Beasom Test Wafer Plot	1-000411	Beasom/ Gwozdz	901; 802; 402
548		Beasom Test Wafer Magnified Photograph	1-000465 - 1-000467	Beasom/ Gwozdz	901; 802; 402
549	12/9/1986	Thomas - U.S. Patent No. 4,628,341	FCS0000533-FCS0000542	Gwozdz	402
555		Beasom, J.D. "High Voltage Dielectric Isolation SCR Integrated Circuit Process,"	Beasom Exhibit 13	Beasom	
556		Beasom, J.D. and R.W. Randlett, "Properties of Dielectrically Isolated Integrated Circuits,"	Beasom Exhibit 14	Beasom	
557	1983	Beasom, J.D. "A High Performance High Voltage Lateral PNP Structure," IEEE 1983.	Beasom Exhibit 15	Beasom	
558	12/3/1984	Beasom Patent Disclosure	FCS1691462-FCS1691468	Beasom	
559	5/11/1993	Complaint and associated documents (Eklund Exhibit 6)	PIE57257-PIE57298	Gwozdz	802; 403
600	1983	Howe, P.L., T.M.S. Heng and C. Huang, "Optimum Design of Power MOSFETs," IEEE 1983.	Eklund Exhibit 3	Eklund	
601	12/19/2006	851 Patent Reexamination Granted by PTO	Blauschild Exhibit 19	Blauschild	402; 403; 802
602	1/22/2007	366 Patent Reexamination Granted by PTO	Blauschild Exhibit 20	Blauschild	402; 403; 802
603	2/12/2006	876 Patent Reexamination Granted by PTO	Blauschild Exhibit 21	Blauschild	402; 403; 802
604	4/20/2007	Horowitz Production Documents FCS 1693250-1693529	US 1693250-1693529	Horowitz	
605	3/16/2001	Fairchild/Intersil License Agreement	FCS 1686041-1686115	Beasom	802
606	7/19/1983	Sakuma - U.S. Patent 4,394,674	FCS1693654-1693667	Shields/Beasom/Gwozdz	untimely

DX	DATE	DESCRIPTION	BATES RANGE/ DESIGNATED	SPONSORING WITNESS	POWER INTEGRATIONS' OBJECTIONS
607	12/20/1983	Vaes - U.S. Patent 4,422,089	FCS1693668-1693681	Shields/Beasom/Gwozdz	untimely
608	5/26/1981	Coe - U.S. Patent 4,270,137	FCS1693682-1693691	Shields/Beasom/Gwozdz	untimely
609	11/10/1981	Colak - U.S. Patent 4,300,150	FCS1693692-1693696	Shields/Beasom/Gwozdz	untimely
610	8/10/1982	Thianyi - U.S. Patent 4,344,080	FCS1693697-1693704	Shields/Beasom/Gwozdz	untimely
611	10/11/1983	Wegmann - U.S. Patent 4,409,606	FCS1693705-1693712	Shields/Beasom/Gwozdz	untimely
612	11/27/1984	Singer - U.S. Patent 4,483,392	FCS1693713-1693718	Shields/Beasom/Gwozdz	untimely
613	00/0/1983	Vaes - High Voltage, High Current Lateral Devices	FCS1693719-1693724	Shields/Beasom/Gwozdz	untimely
614		WITHDRAWN			
615		WITHDRAWN			
616	12/1/1980	IEDM Annual Meeting, "Monolithic MOS High Voltage Integrated Circuits" by Plummer	FCS0526741-745 with IEDM cover sheet	Eklund	untimely; 402
617	1/8/1981	ISSCC B1 Solid State 400 V MOS for EL Display by Katsuma, etc.		Eklund	untimely; 402
618	12/1/1981	1981 IEEE "Process and Device of a 1000V MOS IC" by Yamaguchi, etc		Eklund	untimely; 402
619	00/00/1983	IEDM 1983 "Integrated Circuits for the Control of High Power" by Wirthall, etc.		Eklund	untimely; 402
620	00/00/1982	1982 IEEE Integrated Power Devices by Thianyi		Eklund	untimely; 402
621	6/3/1980	IEEE Journal Article "High Voltage DIMOS Driver Circuit" by Pomper, etc		Eklund	untimely; 402
622	00/00/1982	IEDM 1982 "Integrated High and Low Voltage CMOS Technology" by Rumennick		Eklund	untimely; 402
623	2/18/1981	ISSCC "High Voltage Video Amplifier for Color TV" by DesCamps, etc		Eklund	untimely; 402
624	00/00/1983	1983 IEEE "Lateral DMOS Transistor Optimized for High Voltage BDMOS Applications" by Alvarez, etc.		Eklund	untimely; 402
625	2/20/1981	1981 IEEE "400V Switches for Subscriber Line Interference" by Matthews		Eklund	untimely; 402
626	12/12/1981	IEEE Transactions "Effects of Drift Region Parameters on the Static Properties of Power LDMOST" by Secolak		Eklund	untimely; 402
627	00/00/0000	Eklund Production	KE001450-1465	Eklund	402; 403
628	00/00/0000	Eklund Production	KE001513-1522	Eklund	
629	00/00/0000	Eklund Production	KE001481-KE001484	Eklund	802; 403; 901
630	00/00/0000	Eklund Production	KE001569-KE001575	Eklund	
631	9/27/1999	Harris Patent Assignment to Intersil	PTO Certified	Beasom	402; 403
632	4/24/1985	Beasom Invention Disclosure Form	FCS1691469-1473	Beasom	
633	8/3/2007	Privilege Log for Klas Eklund	2 pages	Eklund	402; 403
634	7/23/2007	ESDA Film made during 7/23/2007 document inspection.		Speckin	multiple documents
635	07/00/2007	Speckin Production	SP 1-423	Speckin	multiple documents; 402; 403; 802; 106
636	00/00/0000	ASTM E1789		Speckin	
637	00/00/0000	ASTM E1422		Speckin	402; 403; 802
638	8/27/2007	TLIC Plate 1	Speckin Exhibit 2	Speckin	402; 403; 802
639	8/27/2007	TLIC Plate 2	Speckin Exhibit 5C	Speckin	1002; 402; 403; 802
640	8/27/2007	TLIC Plate 3	Speckin Exhibit 6C	Speckin	1002; 402; 403; 802
641	8/27/2007	TLIC Plate 4	Speckin Exhibit 7C	Speckin	1002; 402; 403; 802
642	8/27/2007	Notes of Speckin Forensic Labs	Speckin Exhibit 8C	Speckin	1002; 402; 403; 802
643	8/27/2007	TLIC Plate 5	Speckin Exhibit 9	Speckin	402; 403; 802
644	8/27/2007	TLIC Plate 6	Speckin Exhibit 11C	Speckin	1002; 402; 403; 802
645	8/27/2007	Notes of Speckin Forensic Labs	Speckin Exhibit 12C	Speckin	1002; 402; 403; 802
646	8/27/2007	TLIC Plate 7	Speckin Exhibit 13	Speckin	402; 403; 802
647	8/27/2007	TLIC Plate 8	Speckin Exhibit 14C	Speckin	1002; 402; 403; 802
648	8/27/2007	TLIC Plate 9	Speckin Exhibit 15C	Speckin	1002; 402; 403; 802
649	8/27/2007	Notes of Speckin Forensic Labs	Speckin Exhibit 16C	Speckin	1002; 402; 403; 802
650	8/27/2007	TLIC Plate 10	Speckin Exhibit 17	Speckin	402; 403; 802
651	8/27/2007	TLIC Plate 11	Speckin Exhibit 18C	Speckin	1002; 402; 403; 802
652	8/27/2007	TLIC Plate 12	Speckin Exhibit 19C	Speckin	1002; 402; 403; 802
653	8/27/2007	Grid Paper Study	Speckin Exhibit 20C	Speckin	1002; 402; 403; 802
654	8/27/2007	Speckin notes	Speckin Exhibit 11B	Speckin	402; 403; 802
655	9/11/2007	Speckin Notes	Speckin Exhibit 21	Speckin	402; 403; 802
1447	00/00/0000	Eklund Production	SP424- 457	Eklund/Speckin	802; 901; untimely
1447	00/00/0000	Eklund Production	KE001447-1449	Eklund	
1466	00/00/0000	Eklund Production	KE001466	Eklund	